SIEMENS

MOBILETT XP Digital

SP

Software

System

Software Installation

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Purpose of this document

This document describes the necessary steps for installing and configuring the imaging system.

Any technician duly assigned by the local Siemens office is authorized to perform maintenance and service work.

Certain tasks may also be performed by other technical personnel (e.g. the customer's hospital technicians). These tasks are marked by this icon.

It is absolutely necessary to

- follow all instructions in textual and graphic form and to
- use the specified tools, measuring equipment and aids.

You can also contact your national Siemens Uptime Service Center for support.

Passwords

All passwords necessary to service the MOBILETT XP Digital can be obtained by accessing the Intranet Service Knowledgebase at http://www-tdkb.med.siemens.de or from the Troubleshooting Guide SPR8-230.840.30...

Software Configuration

This chapter describes the procedure for configuring the software. For information on how to restore the configuration data using a "backup of configuration", see the Troubleshooting Guide SPR8-230.840.30...

Software Installation

This chapter describes how to install the MOBILETT XP Digital software in case of application problems or when replacing the CXDI PC (laptop).

Network data collection table 5

To successfully configure the MOBILETT XP Digital, data from the following table must be available, preferably before the MOBILETT XP Digital is placed in operation. Network-specific data is supplied by the hospital network administrator.

- Enter possible configuration data in the following list.

  ➪ *) Data is required for configuration

Tab. 1 Local network data

Parameters	Entering data	Comments
System Serial No.		See the MOBILETT XP Digital name plate.
Site identification		ID number by which the Uptime Support Center identifies the system.
Computer Name *)		Factory setting: mxpdi serial no. Local host name, 10 characters maximum, no special characters.
LAN2 Adapter: IP Address *) Subnet Mask *)		Local host address and subnet mask, only one IP address is allowed.
WLAN Adapter: IP Address Subnet Mask		Local host address and subnet mask for WLAN, if applicable; only one IP address is allowed.
WLAN Domain name		If WLAN applicable, factory setting: MXPDI.
WLAN encryption		If WLAN applicable, provide 64-bit or 128-bit encryption, according to WPA or WEP. Key code provided by administrator.
Gateway Address		Standard gateway IP address, if applicable; only one IP address is allowed.
DNS Server: 1st DNS Server 2nd DNS Server		IF DNS applicable, IP addresses of DNS servers.
Local AET Storage		DICOM AE title for e.g., archive, workstation; may be used only once in the network. Use capital letters. Factory setting: AN_SIEMENS_MD.

Parameters	Entering data	Comments
Local AET Print		DICOM AE title for DICOM print service; may be used only once in the network. Use capital letters. Factory setting: PR_SIEMENS_MD.
Local AET HIS		DICOM AE title for HIS/RIS services; may be used only once in the network. Use capital letters. Factory setting: HRI_SIEMENS_MD.

Tab. 2 DICOM Nodes

DICOM Node	Parameters	Entering data	Comments
Storage 1 *):			
	Storage Name		Customer-specific button name for the archive, worklist.
	IP address/host name		IP address, host name, or DNS name of the DICOM node.
	AET		AE title of the DICOM node.
	Port		Port of the DICOM node.
Storage 2			
	Storage Name		Customer-specific button name for the archive, worklist.
	IP address/host name		IP address, host name, or DNS name of the DICOM node.
	AET		AE title of the DICOM node.
	Port		Port of the DICOM node.
Printer 1			
	Printer Name		Customer-specific button name for the DICOM hardcopy camera.
	Printer Type		Hardcopy camera, model name, e.g., Agfa Drystar 3000.
	IP address/host name		IP address, host name, or DNS name of the DICOM node.
	AET		AE title of the DICOM node.
	Port		Port of the DICOM node.
Printer 2			

DICOM Node	Parameters	Entering data	Comments
	Printer Name		Customer-specific button name for the DICOM hardcopy camera.
	Printer Type		Hardcopy camera, model name, e.g., Agfa Drystar 3000.
	IP address/host name		IP address, host name, or DNS name of the DICOM node.
	AET		AE title of the DICOM node.
	Port		Port of the DICOM node.
Worklist			
	IP address/host name		IP address, host name, or DNS name of the DICOM Worklist server.
	AET		AE title of the DICOM node.
	Port		Port of the DICOM node.
	Find string		1 - 3 Find strings to be used for searching entries on the worklist server. Factory setting: CR.
MPPS			
	IP address/host name		IP address, host name, or DNS name of the DICOM MPPS server.
	AET		AE title of the DICOM node.
	Port		Port of the DICOM node.

Preparation

The MOBILETT XP Digital is delivered with both the operating system and the application software preinstalled.

Perform or check the subsequently described configuration steps.

The CXDI PC keyboard is required for several of the configuration steps. Perform the following steps for this purpose:

- Ensure that the MOBILETT XP is switched off.
- Remove the top cover with the touch screen display and place it laterally on a table or the like. Do not disconnect any cables.
- Remove the securing means from the CXDI PC and open the laptop so that the keyboard can be used.
- Switch on the MOBILETT XP Digital.

Configuring the user application

Checking and setting the date and time

The MOBILETT XP Digital is set to Western European Standard Time at the factory.

To set the local date and time:

Perform the following steps from the user application:

- Select SYSTEM/ CONFIGURATION/ ADMINISTRATOR SETUP/ DATE.
- Check or change the date and time as required.
- Click "OK" to exit "Date and Time Properties".

Configuring the user interface language (keyboard)

The user interface language can be selected in the service menu of the imaging system software.

NOTE **If the user language is changed, all configuration data for the imaging system is set to factory defaults.**

Prerequisite:

The CXDI PC keyboard is accessible (see the description in the "Preparation" section above).

Perform the following steps from the user application:

- Select "SYSTEM/ CONFIGURATION/ ADMINISTRATOR SETUP/ SERVICE TOOL."
- Enter the administrator password.
  ➪ See password list.
- Select "Language" in the SERVICE TOOL and click "Start".
- Enter the Siemens service password (see password list).
- Enter required language as text into the parameter line and confirm with "OK".
- Enter "Yes" (if language changes, change of "Body Parts"/organ programs to default programs required). Click "ALL" to confirm.
  - If you select "No", the organ programs remain unchanged.
- Switch the MOBILETT XP Digital "OFF" and back "ON".
  ➪ After the restart, the user application of the imaging system displays the selected language.

Entering the institution name ("Annotation Setting")

Perform the following steps from the user application:

- Select "SYSTEM/ SETUP MENU/ ADMINISTRATOR SETUP/ STUDY INFO".

- Select "Institution" on the right of the menu.
- Select "Enable" (left side of menu).
- Change or enter the name of the institution and click "Input" to enable.

  ➪ Repeat these steps to enter additional institution names.

Fig. 1: Institution Name

Network configuration

Prerequisite:

The network-specific data for the MOBILETT XP Digital is available. This data can be obtained from the network administrator. (IP address, subnet mask, gateway, and network nodes).

See the Planning Guide SPR8-230.891.01....

Configure IP address of CXDI PC (LAN/WLAN)

The configuration of the local network data is based on the Windows XP network settings.

Prerequisite:

The CXDI PC keyboard is accessible (see the description in the "Preparation" section above).

Perform the following steps from the user application:

- Select SYSTEM/ CONFIGURATION / ADMINISTRATOR SETUP/ SERVICE TOOL.
- Enter the administrator password and confirm with OK.
  - ➪ (See password list).
- Select "Unlock keys" from the SERVICE TOOL menu and click "START".
- Enter the Siemens service password and confirm with "OK".
  - ➪ See password list.
  - ➪ Activating "unlock keys" requires a restart of the FD application.

- Click "Exit".
- Click "OK".
- Click "Restart FD".
- Simultaneously press "ESC" and "CTRL" on the keyboard.
  - ➪ The Windows task bar is displayed.
- Select "Start/Settings/Network connections" via the Windows task bar.

LAN 2

- Select "LAN2" (network adapter).

NOTE	**The LAN adapter of the detector is a gigalink connection with the IP address 192.168.100.10. This IP address may not be changed.**

Local Area Connection	LAN 2	DICOM connection CXDI PC to network
Local Area Connection	LAN1	CXDI PC connection to the CXDI detector, gigalink
Wireless Connection	WLAN	DICOM connection CXDI PC to wireless network

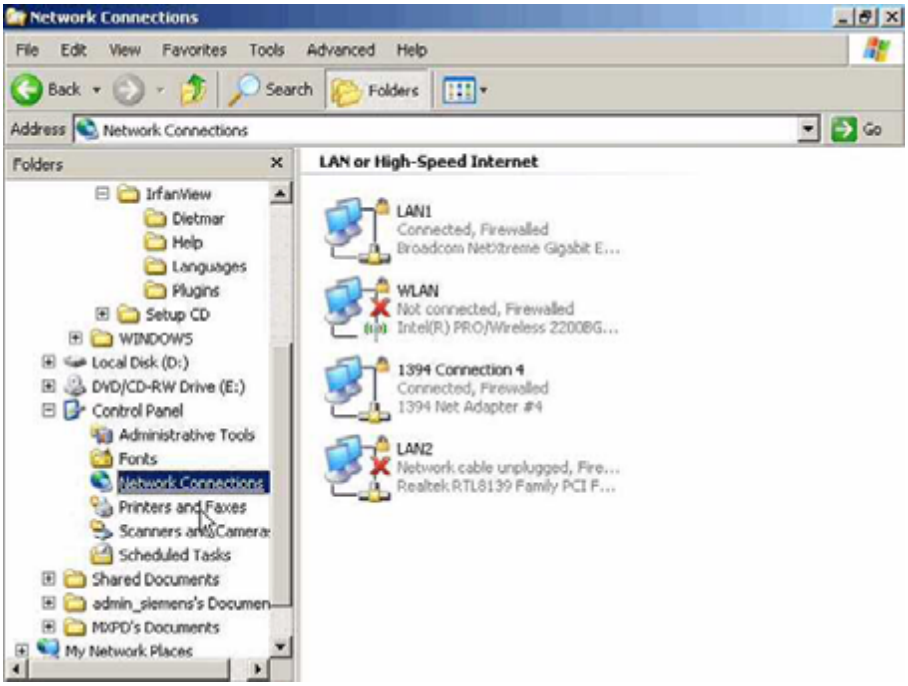

Fig. 2: NetworkAdapter

- Use the right mouse button to select "Properties".
- Use the right mouse button to select “Internet protocol (TCP/IP)” -> Properties.
- Select "Use the following IP address" (Fig. 3 / p. 13).
- Enter the IP address (Fig. 3 / p. 13) of the MOBILETT XP Digital.
- Enter the subnet mask (Fig. 3 / p. 13) of the MOBILETT XP Digital.
- Enter the IP address of the default gateway (if applicable).
- Enter the DNS server (if available) (Fig. 3 / p. 13).

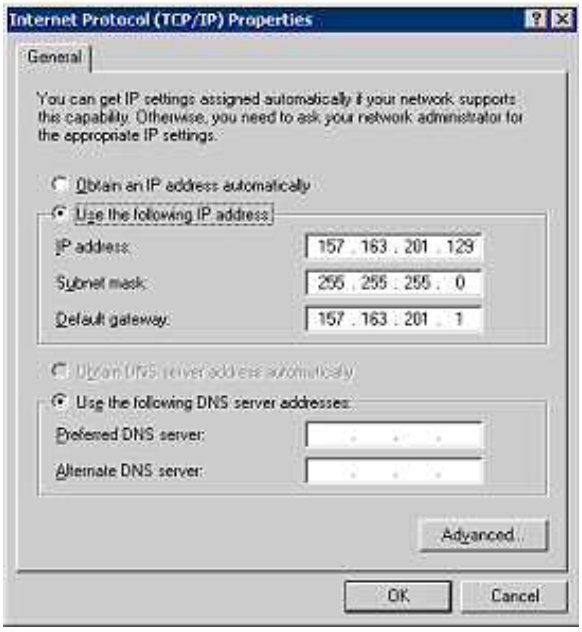
Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
157 . 163 . 201 . 129
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
157 . 163 . 201 . 1
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Fig. 3: TCP/IP address

- Confirm the entered data with "OK".
- Close all open windows via "OK".

  ➪ The changes become effective after restarting the MOBILETT XP Digital.

Configuring the WLAN adapter of the CXDI PC

You can use the following example to help you configure a wireless network for the CXDI PCs.

Prerequisites: The hospital network supports wireless LAN in the active application area of the MOBILETT XP Digital.

Security standards in accordance with "WPA-none" and "WEP" are supported with a maximum of 128-bit encryption.

Expanded settings such as authentication via “WPA-Enterprise/ Personal” or “WPA2-Personal” and “WEP”, “CKIP”, “TKIP” or “AES_CCMP” data encryption can be installed with an update package from the VA04A system DVD. For more information, see the section “Intel PRO/Wireless 2200BG”.

- Select "Start/Settings/Network connections" via the Windows task bar.

  ➪ Same procedure as above under "Configure IP address of CXDI PC".
- Select the "WLAN" network adapter, right-click with the mouse, open "Properties" (WLAN/Fig. 2 / p. 12).

NOTE	**The WLAN adapter should be installed using 128-bit data encryption.**

Local Area Connection	LAN2	DICOM connection CXDI PC to network
Local Area Connection	LAN1	CXDI PC connection to the CXDI detector, gigalink
Wireless Connection	WLAN	DICOM connection CXDI PC to wireless network

- Double-click "Internet Protocol (TCP/IP)" in the "General" tab card.
- Select "Use the following IP address" and enter the WLAN IP address, subnet mask, gateway IP address, and DNS server if applicable.

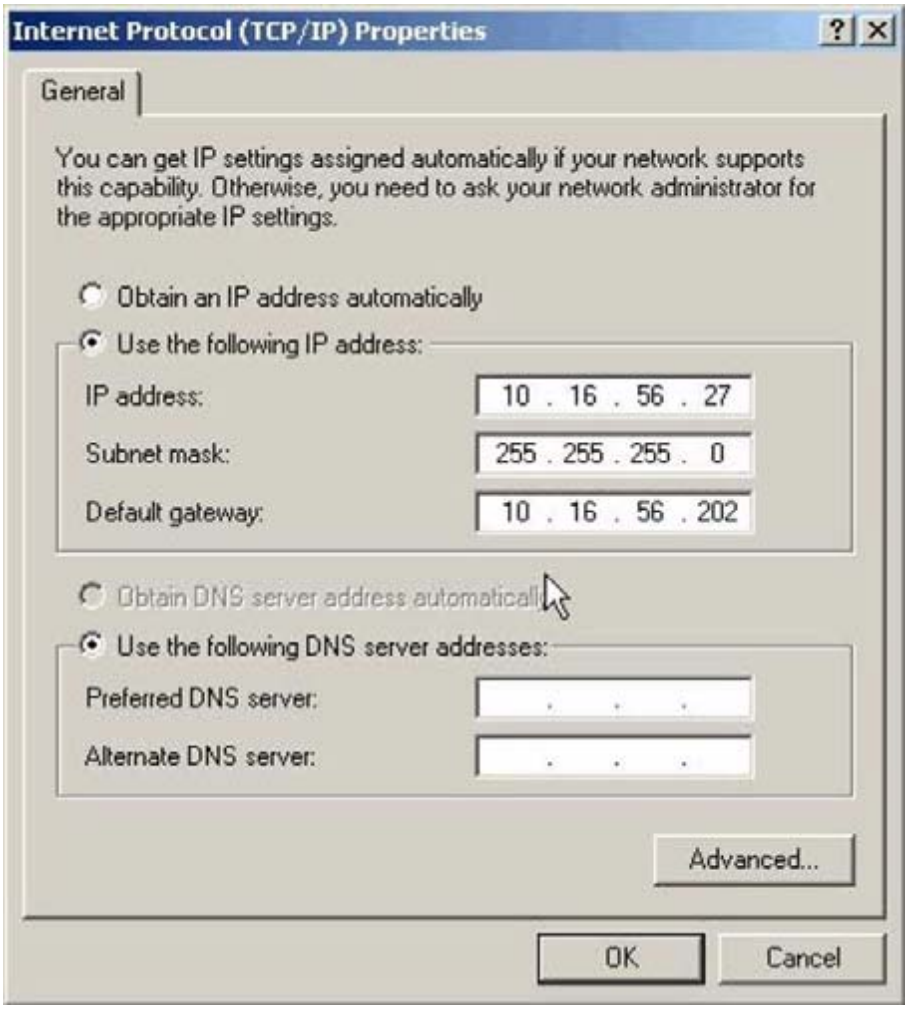
Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 10 . 16 . 56 . 27
Subnet mask: 255 . 255 . 255 . 0
Default gateway: 10 . 16 . 56 . 202
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Fig. 4: WLAN_TCP_IP

- Click "OK" to save the data.

- Select the "Wireless Networks" tab card in the WLAN adapter.

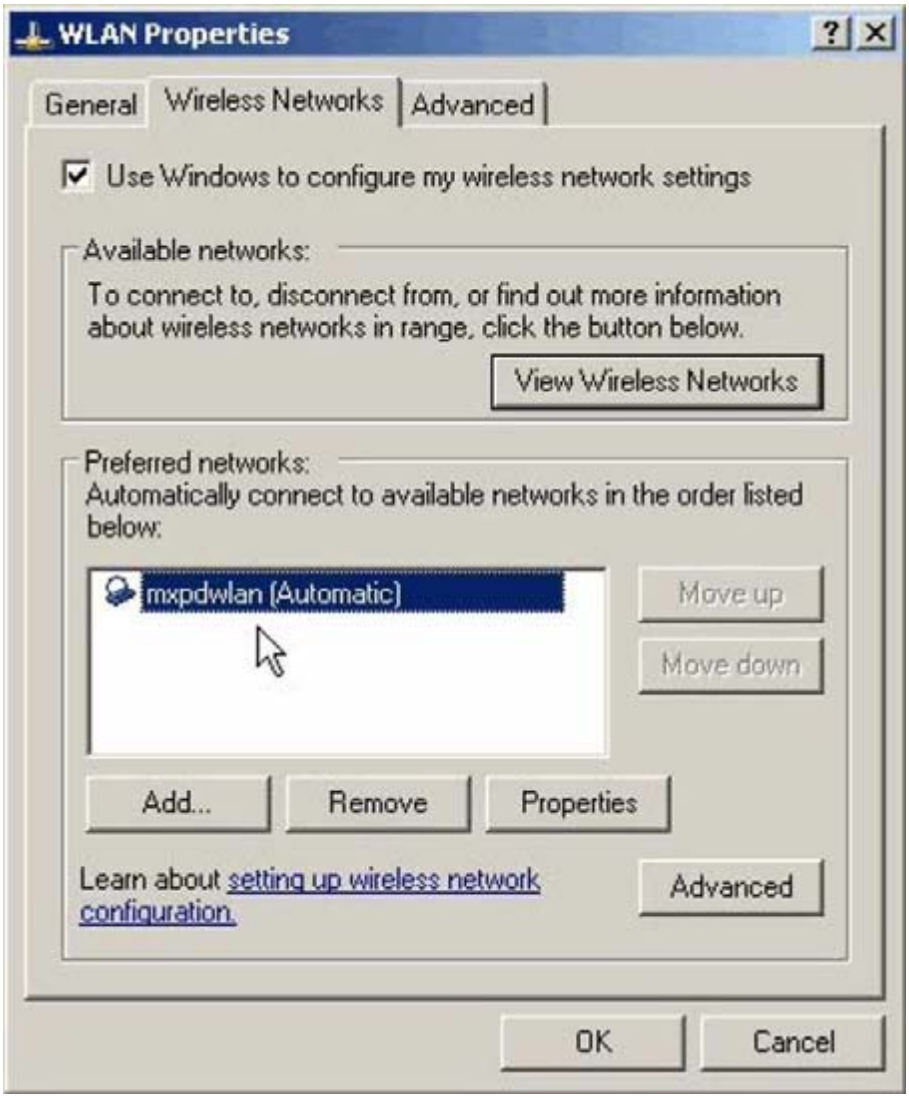

Fig. 5: WLAN_Domain

- Select the factory-default network domain name "mxpdwlan" and then "Properties".
  - ➪ Create a new or modify a WLAN domain name if necessary.
- Select "Network Authentication" = "Open".
- Select “Data encryption” = “WEP”.

- Enter the network key of the wireless network. Obtain the network key from the hospital administrator.

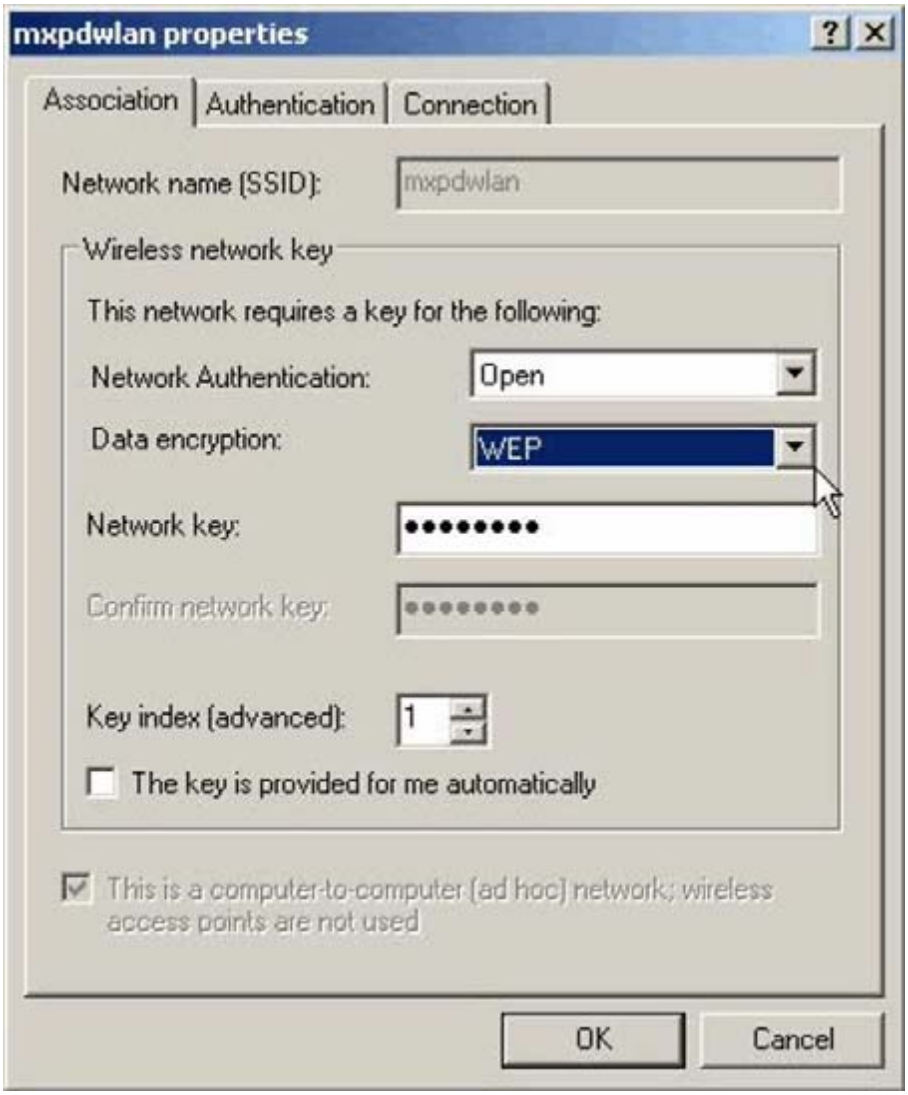

Fig. 6: WLAN_WEP

- Click "OK" to save the data.
- Click "OK"; close “Wireless Network Connection Properties”.
- Double-click “WLAN” adapter in the "Network Connection” window.

- Click "Connect" to start up and test the "Wireless Network" listed.
  - ➪ The displayed wireless networks can be set up here. In case of error, check the configuration of the WLAN adapter or the WLAN access points: WLAN domain network name, network key, wireless LAN area.

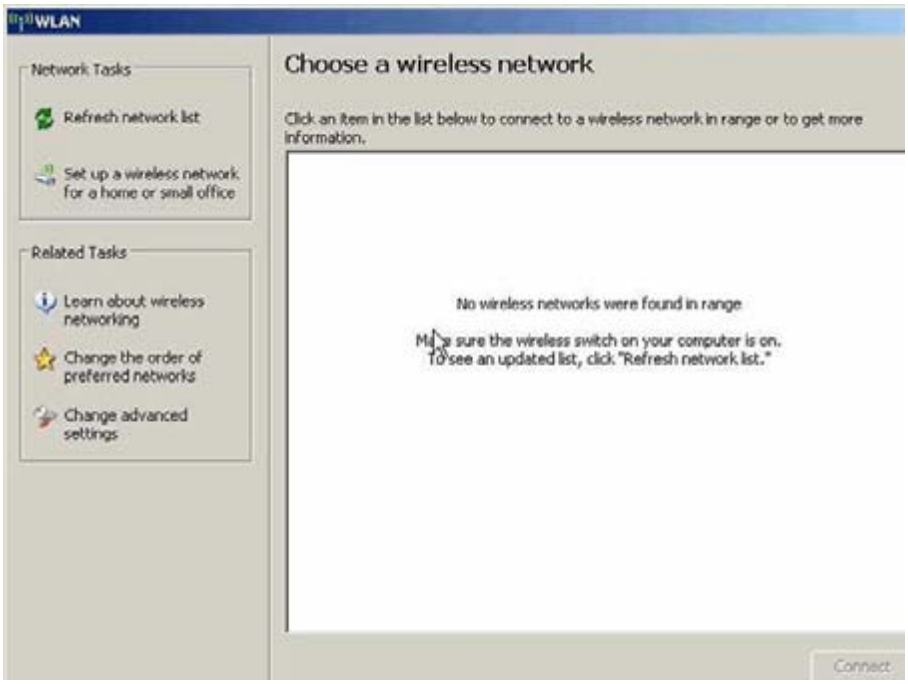
WLAN
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
No wireless networks were found in range
Make sure the wireless switch on your computer is on.
To see an updated list, click "Refresh network list."
Connect

Fig. 7: WLAN_Connect

“Intel PRO/Wireless”

For expanded configuration of a wireless LAN connection, the update described below for the "Intel® PRO/Wireless 2200BG Adapter" can be installed from the VA04A system DVD.

To install and start up the software, specialized knowledge of wireless LAN and driver installation under Microsoft Windows XP is necessary.

The software includes, among other things:

- “Open”, “Shared”, “WPA-Enterprise”, “WPA-Personal”, “WPA2-Enterprise” and “WPA2-Personal” network authentication, and
- the data encryption choices "none", "WEP", "CKIP", "TKIP" and "AES-CCMP".

Short description of the installation process:

- Preferably using the "Unlock Keys" service tool, unlock the CXDI PC function keys.
- Next, close the application with the service tool "Exit to OS."
- Temporarily change the display resolution from 640x480 to 800x600 (make note of the current setting).
- Start Autorun.exe from the system DVD e:\Setup CD\Drivers\intelWIFI tools\Ipro\Autorun.exe and follow the instructions.
- The wireless configuration should be performed after the update under "Start/Programs/IntelPROSet Wireless" and in accordance with the requirements of the hospital network.
- A detailed description of the software can be found on the system DVD:
  E:\Setup CD\Drivers\intel WIFI tools\Ipro\Docs\"language"\index.htm.
- Set the display resolution back to 640x480.

Configuring the AE-title of the CXDI PC

"Own AE title" for "Storage (Archive/ Workstation")

The MOBILETT XP Digital is delivered with the AE title for "Storage" set to "AN_SIEMENS_MD".

If requested by the customer, this value can be changed.

Perform the following steps from the user application:

- Select "SYSTEM/ CONFIGURATION/ DESTINATION/ TRANSFER"

- Select "SET" or "CHANGE" (depending on software version) of the storage locations to be configured.

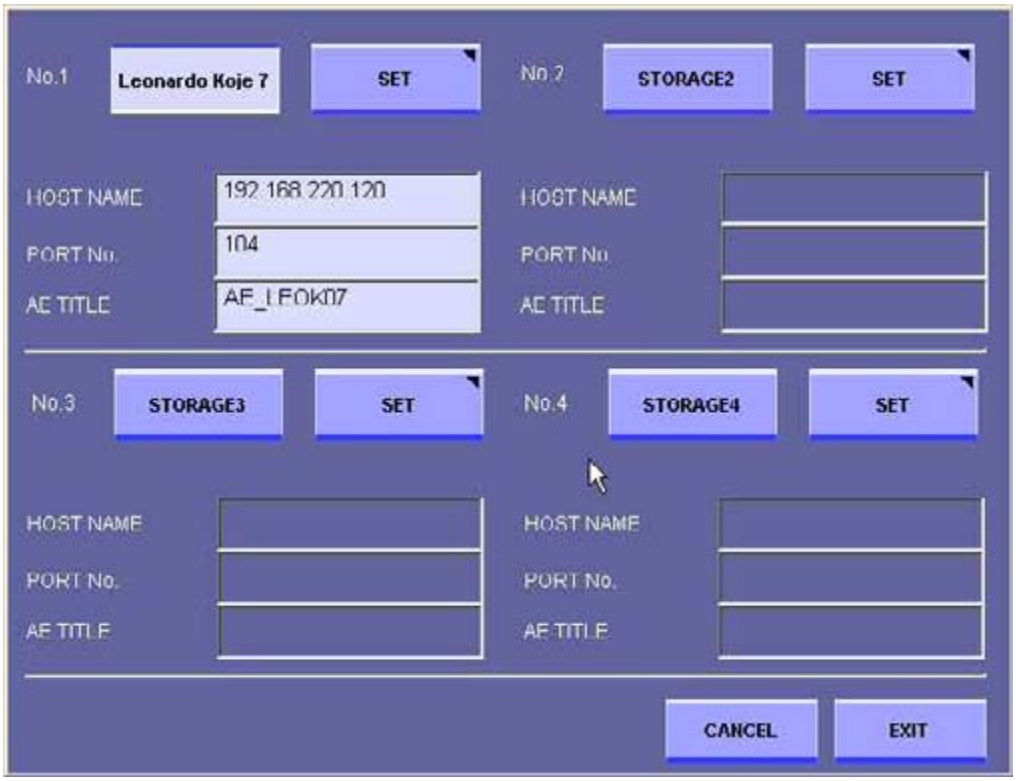

Fig. 8: Network node IP address

- Enter the customer-specific AE title in the "Parameter" field with the "-c" attribute". (Example: “-c AN_Siemens_MD”)

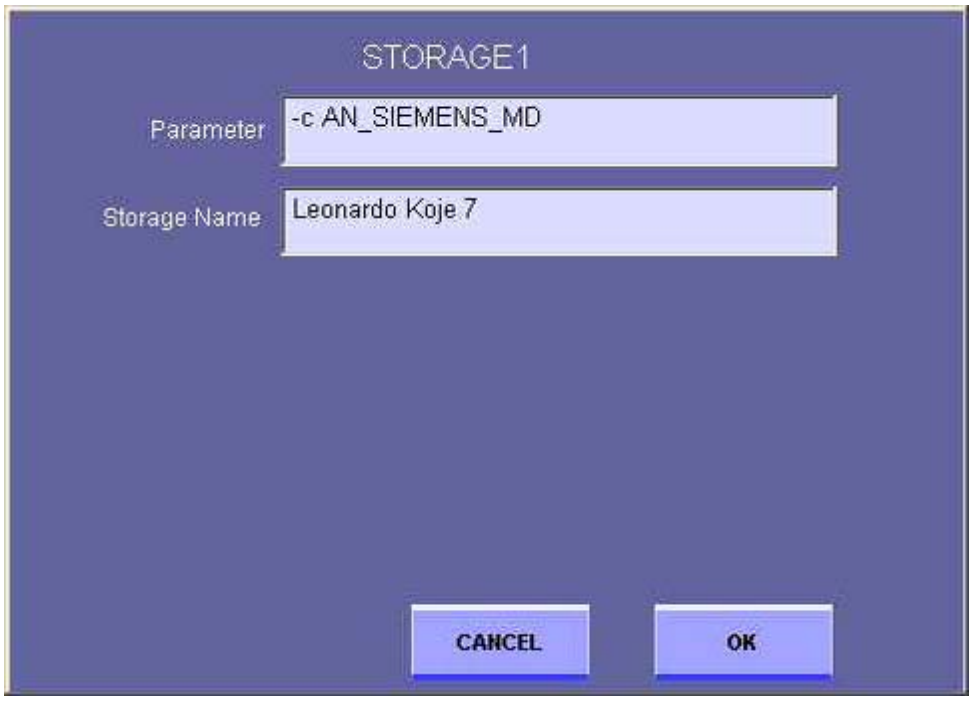

Fig. 9: Local SCU AET

- Click "OK".

- Repeat the configuration for all the storage locations to be configured. (Every used storage location receives the same storage "AE Title" of the MOBILETT XP Digital.
- Click "OK".
- Confirm the message "Do you want to change..." with "OK".
  - ➪ The changes become effective after restarting the MOBILETT XP Digital.

Configuring DICOM Archive/Workstation or DICOM Hardcopy Camera

DICOM Archive/Workstation configuration

The following describes the configuration for DICOM Archive and Workstation. A maximum of 4 DICOM nodes can be entered.

Perform the following steps from the user application:

- Select "SYSTEM/ CONFIGURATION/ DESTINATION/ TRANSFER".

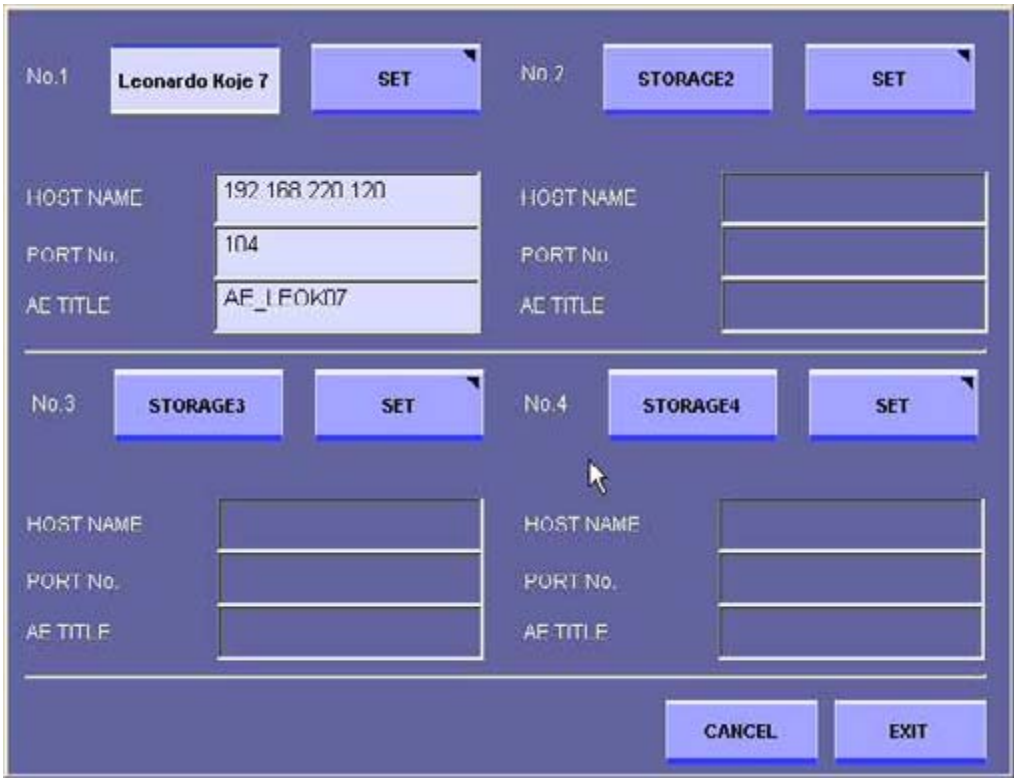

Fig. 10: Network node IP address

- Select "SET" or "CHANGE" (depending on software version) of the storage locations to be configured.

- Enter the customer-specific storage name, e.g., “Leonardo Koje 7” and confirm with “OK”.

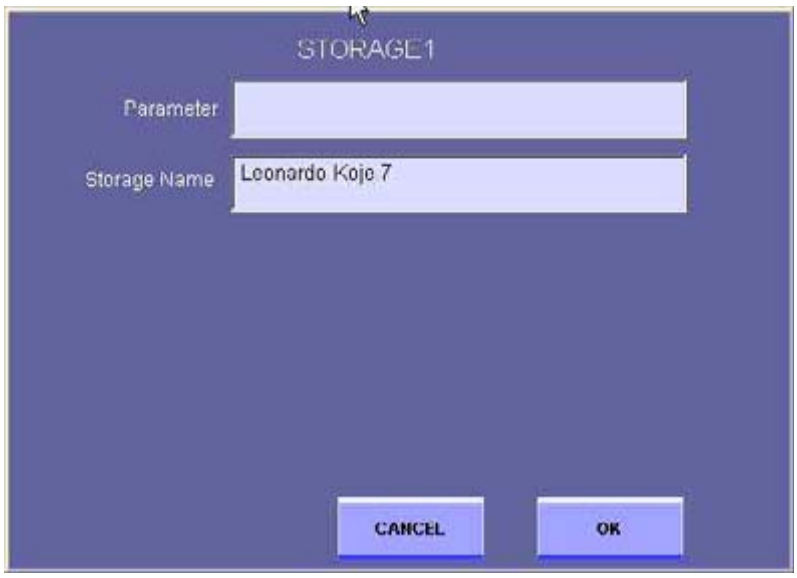

Fig. 11: Network node name

- Enter the specific network data for the network node to be configured.
  - Host name (IP address, host name or DNS name).
  - DICOM Port
  - AE-title
- Click "Exit".
- Click "OK".
- Confirm the message "Do you want to change..." with "OK".
  - ➪ The changes become effective after restarting the MOBILETT XP Digital.

DICOM "Print" configuration

A maximum of 4 DICOM hardcopy cameras can be entered.

Perform the following steps from the user application:

- Select "SYSTEM/ CONFIGURATION/ DESTINATION/ FILMING".

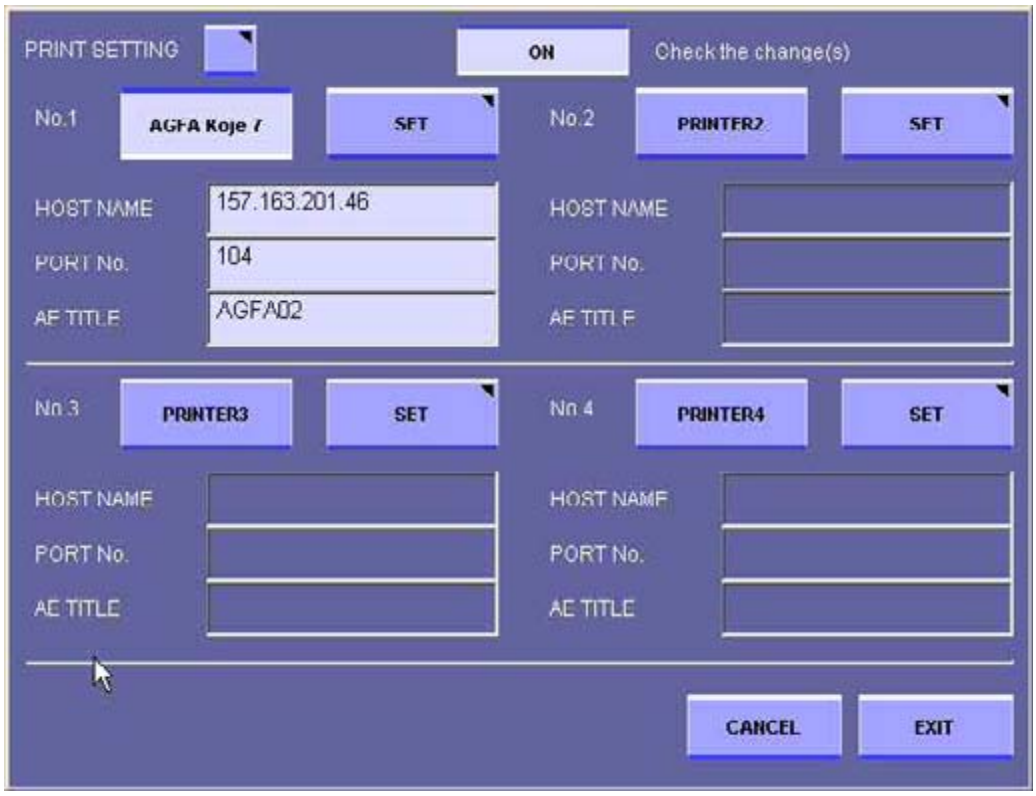

Fig. 12: Printer IP address

- Select "SET" or "CHANGE" (depending on software version) of the storage locations to be configured.
- Enter the customer-specific printer name, e.g.: “AGFA Koje 7”.

- Select "Override" and the available hardcopy camera from the list.
  - ➪ Preferences remain unchanged!
  - ➪ If applicable, confirm the message “Do you want to override an existing printer” with “OK”.
  - ➪ For more information on hardcopy cameras, see “General Hardcopy Information” SPR8.230.814.40...”.

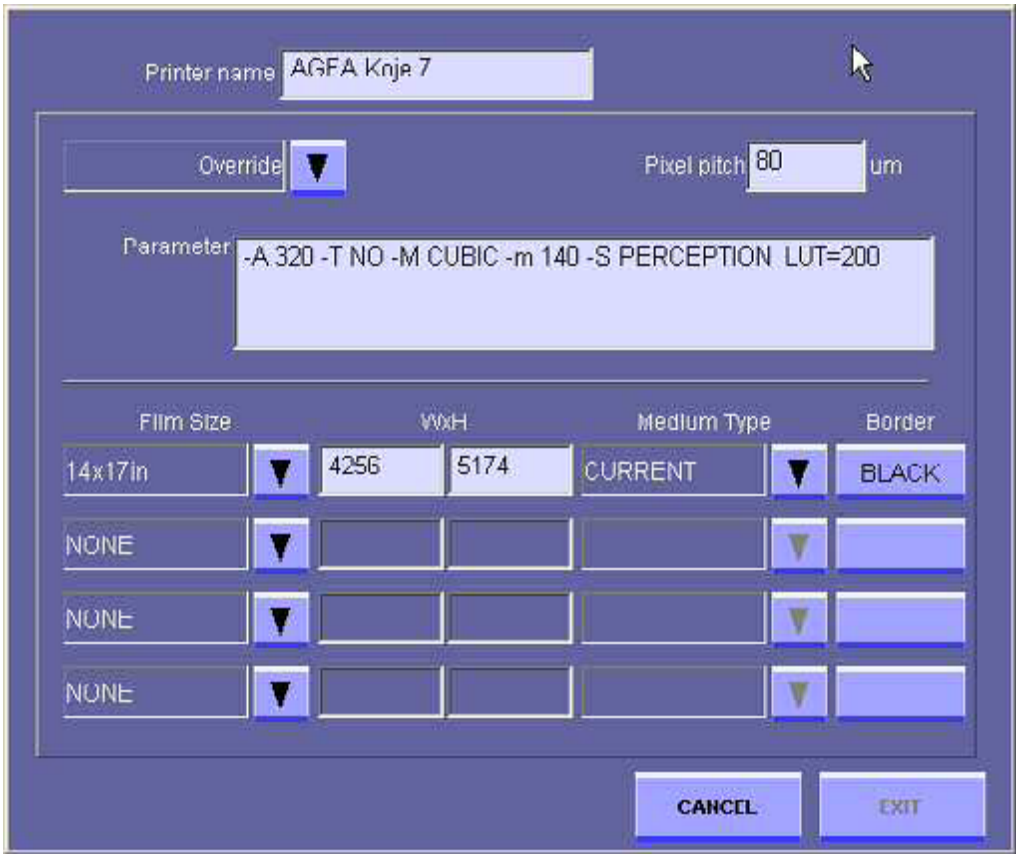

Fig. 13: Printer setup

- Click "EXIT”.
- Enter the specific network data for the DICOM hardcopy camera to be configured.
  - Host name (IP address or host name).
  - DICOM Port
  - AE-title
- Click "Exit".
- Click "OK".
- Confirm the message "Do you want to change..." with "OK".
  - ➪ The changes become effective after restarting the MOBILETT XP Digital.

AE title for DICOM Print (hardcopy camera)

The MOBILETT XP Digital is delivered with the AE title for DICOM Print set to "PR_SIEMENS_MD".

If requested by the customer, this value can be changed.

Perform the following steps from the user application:

- Select "SYSTEM/ CONFIGURATION/ DESTINATION/ FILMING".
- Select "SET" or "CHANGE" (depending on software version) of the storage location to be configured.

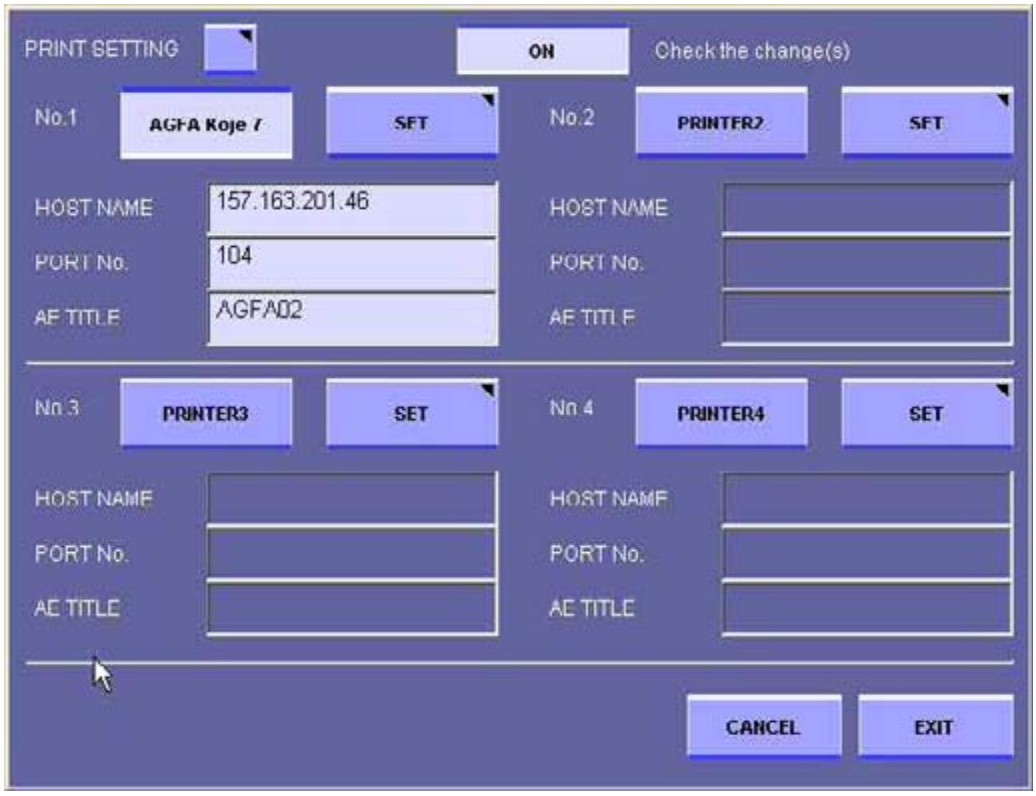

Fig. 14: Printer IP address

- Enter the customer-specific AE title in the "Parameter" field with the "-t" attribute". (Example: “-t PR_Siemens_MD”; insert a space after the hardcopy parameter and add AE title.

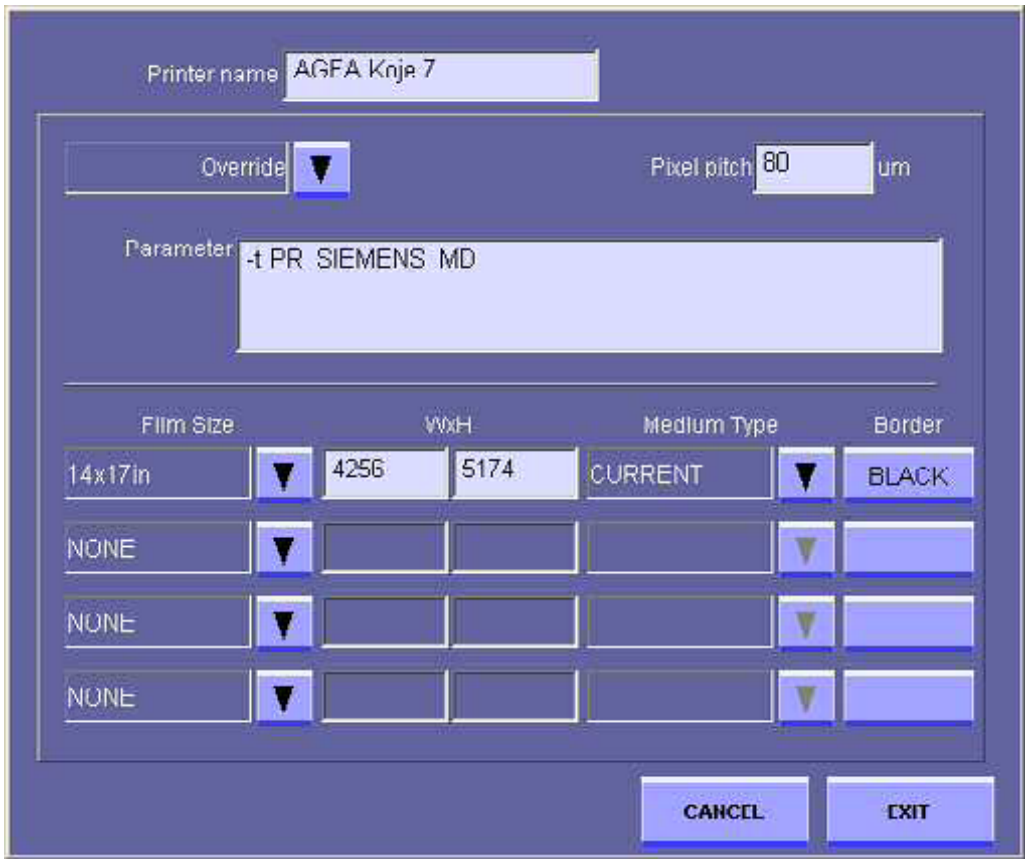

Fig. 15: Local printer AET

- Click "EXIT”.
- Repeat the configuration for all the storage locations to be configured. (Every used storage location receives the same print "AE Title" of the MOBILETT XP Digital.
- Click "OK”.
- Confirm the message "Do you want to change..." with "OK".
  - ➪ The changes become effective after restarting the MOBILETT XP Digital.

HIS/RIS configuration

Enable HIS/RIS module

Required only if configuring a worklist.

Perform the following steps from the user application:

- Select "SYSTEM/ ADMINISTRATOR SETUP/ HIS MODULES".

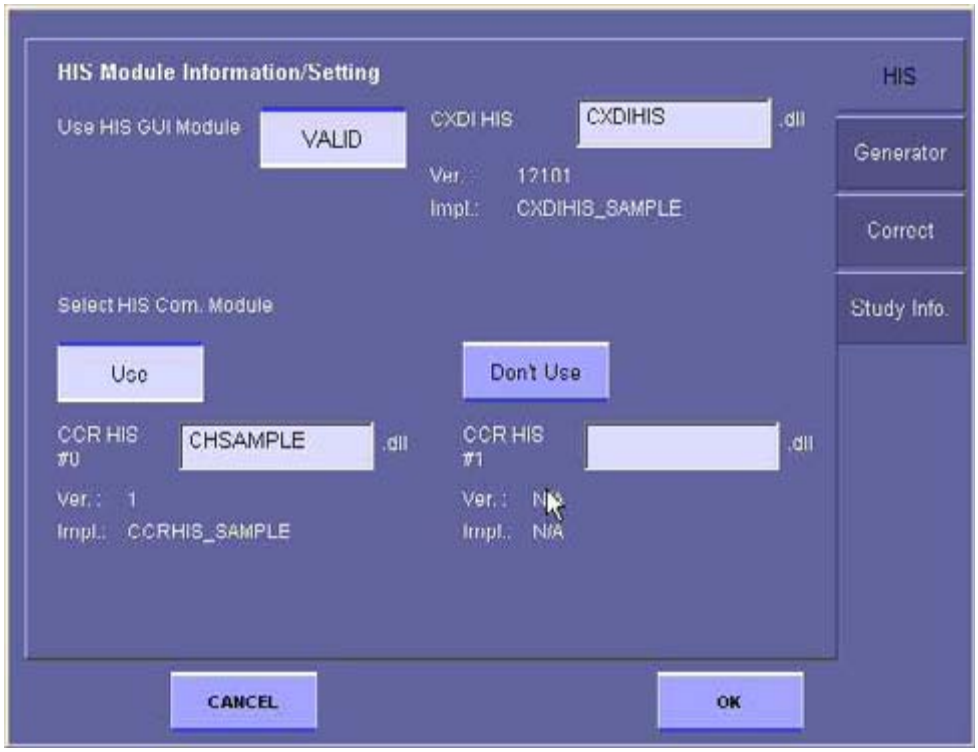

Fig. 16: HIS/ RIS module

- Click the "Use HIS GUI module" field until "VALID" is displayed.
- Click "OK".
- Click "OK".
- Confirm the message "Do you want to change..." with "OK".
  - ➪ The changes become effective after restarting the MOBILETT XP Digital.

Configuring Worklist/ MPPS

Perform the following steps from the user application:

- Select "SYSTEM/ CONFIGURATION/ ADMINISTRATOR SETUP/ SERVICE TOOL."
- Enter the administrator password and confirm with OK.
  - ➪ See password list.
- Select “RIS/MPPS config” from the SERVICE TOOL menu.
- Click "START”.
- Enter the Siemens service password (see password list) and confirm with "OK".
  - ➪ The next step is the HIS/RIS configuration.

- Change or confirm the DICOM-SCU AE title for HIS/RIS systems of the MOBILETT XP Digital. (Factory setting: “HRI_SIEMENS_MD”) and click “NEXT”.
  - ➪ This value can be changed if requested by the customer.
  - ➪ CXDI modality= CR is not changed.

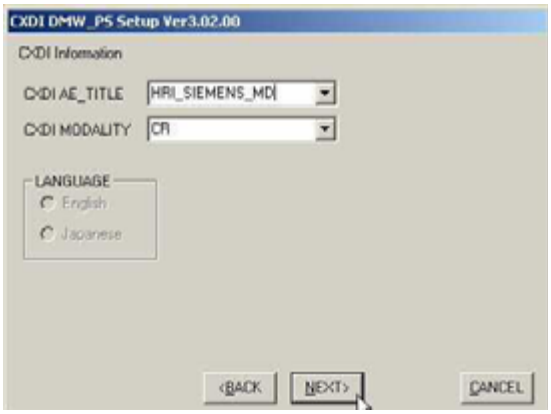

Fig. 17: HIS_AET_Own

- Check "Mobile" and "FREE2" under Off-line/Mobile Worklist.
  - ➪ Use "Non-Mobile" for static LAN connections.
  - ➪ FREE2 mode marks patients already closed in the worklist with a "*".
  - ➪ MPPS (Modality Performed Procedure Step) is not possible in "Mobile" mode.

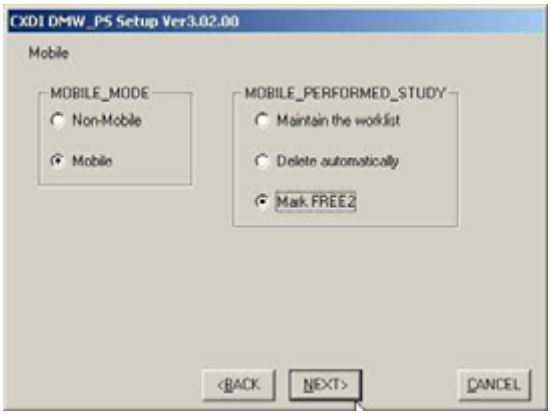

Fig. 18: Mobile_Markfree2

- Select the checkboxes illustrated below and click "NEXT".
  - ➪ "USE_MPPS" cannot be enabled in "Mobile" mode.

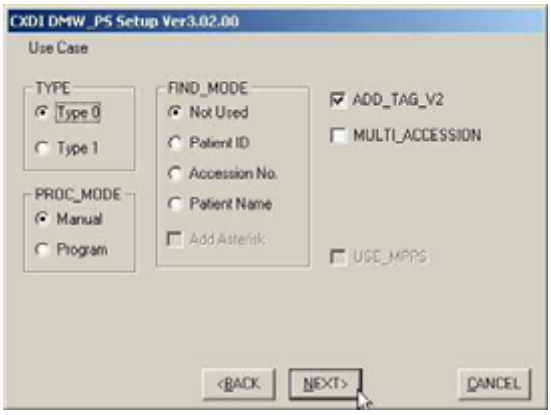

Fig. 19: Use_case

- Enter the Find strings (find data on the worklist server). Click "Next".
  - ➪ Factory setting for modality = "CR".
  - ➪ Other parameters for limiting the worklist:
    AE_Title (Own AE Title), station name, etc.

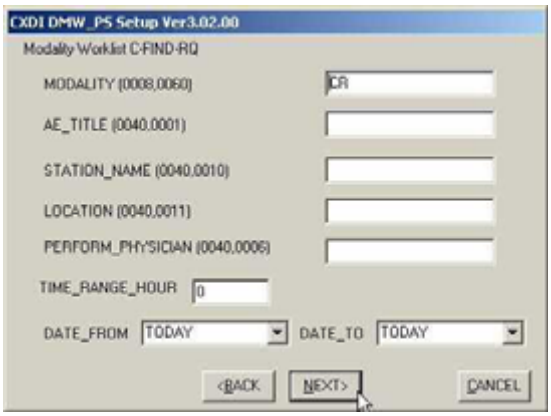

Fig. 20: MWList

- Modify or enter the worklist server data and click "NEXT".
  - MWL_SCP_AE_Title= “AE title of the worklist server”.
  - MWL_SCP_IP_ADDR= “IP address, host name or DNS name of the worklist server”.
  - MWL_Port= “DICOM port of the worklist server”

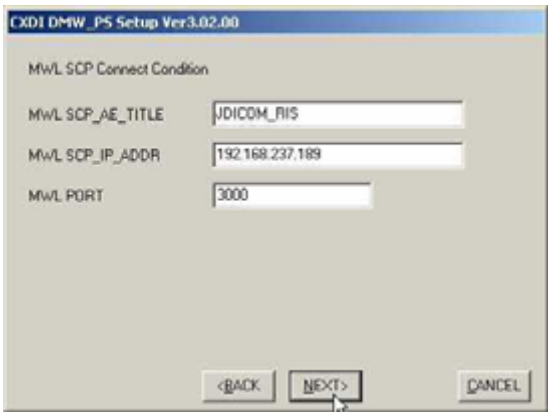

Fig. 21: MWL_SCP

- Modify or enter the MPPS server data and click "NEXT".

  (Only if the "USE_MPPS" check box was previously enabled)
  - MPPS_SCP_AE_Title= AE title of the MPPS server.
  - MPPS_SCP_IP_ADDR= IP address, host name or DNS name of the MPPS server.
  - MPPS_Port= Port of the MPPS server

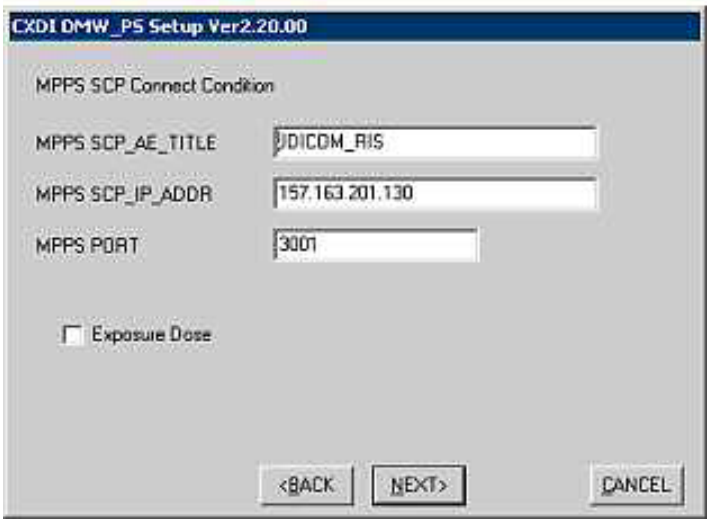

Fig. 22: MPPS AET

- Click "NEXT" to save the configuration and then confirm using "YES".
- Click "EXIT" to close the "SERVICE TOOL".
- Click "OK" to exit "ADMINISTRATOR SETUP".
- Click "EXIT" to leave the "CONFIGURATION" menu.
- The changes become effective after restarting the MOBILETT XP Digital.

General

This chapter describes the software installation in the event of a CXDI PC (laptop) error.

The MOBILETT XP Digital is delivered with a GHOST image (factory setting) of C: and D: hard drives (operating system and application software) on the system DVD.

Following the start-up of the MOBILETT XP Digital at the customer site, a GHOST image of the hard drives with the current configuration data and organ programs is created.

A "Backup of Configuration" is also created (configuration, organ programs).

The CXDI PC has to be reinstalled using these two backup packages.

Cases requiring reinstallation	**Backup used**
Operating system or application software is corrupted	Most recent GHOST image and "Backup of Configuration"
Replacement of CXDI PC	Most recent "Backup of Configuration"

Software installation (without hardware replacement)

This section describes how to install the CXDI PC software in the event that the operating system or application software is corrupted. The CXDI PC is not replaced. The licenses for the operating system are included with the GHOST image of the hard drives.

Software installation (replacement of CXDI PC)

This section describes how to install the CXDI PC software after replacing the CXDI PC. The operating system and application software are already preinstalled on the replacement CXDI PC. The licenses for the operating system are installed as well.

Software installation (without hardware replacement)

This section describes how to install the CXDI PC software in case the operating system or application software is corrupted. The CXDI PC is not being replaced. The licenses for the operating system are included with the GHOST image of the hard drives.

Prerequisites:

Required CD's:
MOBILETT XP Digital system DVD
Last GHOST Backup “Image” CD
Most recent "Backup of Configuration"

Required documents:
"Troubleshooting Guide, Imaging System" SPR8-230.840.30...
"Quality Assurance" SPR8-230.820.30...

Procedure:

- Perform a "Restore of drive partition" of the C: and D: hard drives.
  - ➪ See the “Troubleshooting Guide, Imaging System” SPR8-230.840.30...
- Perform a "Restore of configuration".
  - ➪ See the “Troubleshooting Guide, Imaging System” SPR8-230.840.30...
- Check the accuracy of random points of the restore of the software configuration and the organ programs.
  - ➪ See chapter “Software Configuration” in this document.
- Calibrate CXDI detector.
  - ➪ See the “Troubleshooting Guide, Imaging System” SPR8-230.840.30...
- Check image quality.
  - ➪ See “Quality Assurance” SPR8-230.820.30...

Software installation (replacement of CXDI PC)

This section describes how to install the CXDI PC software after replacing the CXDI PC. The operating system and application software are already preinstalled on the replacement CXDI PC. The licenses for the operating system are installed as well.

Prerequisites:

Required CD's:
Most recent "Backup of Configuration"
(create backup before replacing CXDI PC if necessary)

Required documents:
Troubleshooting Guide, Imaging System, SPR8-230.840.30...
Quality Assurance, SPR8-230.820.30...

Procedure:

- Open the top cover of the MOBILETT XP Digital (access to CXDI PC) and place on a table or similar surface. All cables remain connected.

  Do not disconnect any cables!
- Switch on the MOBILETT XP Digital.
- Enter the serial no. of the CXDI detector.

  ➪ See “CXDI Setup, Entering CXDI Detector Serial Numbers” “Troubleshooting Guide, Imaging System” SPR8-230.840.30...
- Perform a "Restore of configuration".

  ➪ See the “Troubleshooting Guide, Imaging System” SPR8-230.840.30...
- Check the restore of the software configuration and the organ programs.

  ➪ See chapter “Software Configuration” in this document.
- Replace the top cover of the MOBILETT XP Digital.
- Calibrate CXDI detector.

  ➪ See the “Troubleshooting Guide, Imaging System” SPR8-230.840.30...
- Check image quality.

  ➪ See “Quality Assurance” SPR8-230.820.30...

Changes to Previous Version 33

Chapter	Page	Revision
All	n.a.	Editorial changes